

METHOD FOR CLIENT DELEGATION OF  
SECURITY TO A PROXY

ABSTRACT OF THE DISCLOSURE

5 A method of enabling a proxy to participate in a  
secure communication between a client and a server. The  
method begins by establishing a first secure session  
between the client and the proxy. Upon verifying the  
first secure session, the method continues by  
10 establishing a second secure session between the client  
and the proxy. In the second secure session, the client  
requests the proxy to act as a conduit to the server.  
Thereafter, the client and the server negotiate a session  
master secret. Using the first secure session, this  
15 session master secret is then provided by the client to  
the proxy to enable the proxy to participate in secure  
communications between the client and the server. After  
receiving the session master secret, the proxy generates  
cryptographic information that enables it to provide a  
20 given service (e.g., transcoding, monitoring,  
encryption/decryption, caching, or the like) on the  
client's behalf and without the server's knowledge or  
participation. The first secure session is maintained  
between the client and the proxy during such  
25 communications.

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